

What is claimed is:

1. A connector device for securing a fiberoptic cable, which cable includes a cable sheath, inner sheathing, and a plurality of break-out tubes, to an equipment port, comprising:

a body of generally cylindrical form having a first section with an inner diameter and a connection portion at a first end of said body;

a seal in said body at a second end of said body defining a cavity between said seal and said connection portion, said seal having an outer diameter slightly greater than said inner diameter of said body such that a compression fit is formed between said seal and said body;

a shoulder disposed on an inner surface of said seal such that said cable sheath abuts said shoulder;

an epoxy material in said cavity surrounding portions of said inner sheathing and said plurality of break-out tubes disposed inside said cavity; and

driving means, connected to said second section of said body, for driving said seal into said body.

2. A connector according to claim 1, wherein an inner diameter of said inner surface of said seal is slightly smaller than an outer diameter of said cable such that a compression fit is formed between said inner surface of said seal and said outer diameter of said cable.

3. A connector device according to claim 2, wherein said driving means includes a nut threadingly engaged with said second end of said body, said nut including a driving surface which drives against said seal when said nut is screwed onto said body.

4. A connector device according to claim 1, wherein said driving means includes a nut threadingly engaged with said second end of said body, said nut including a driving surface which drives against said seal when said nut is screwed onto said body.

5. A method of assembling a connector for mounting a fiberoptic cable to an equipment port, wherein a prepared end of said cable includes a jacket, inner sheathing inside said jacket and extending beyond said jacket, and a plurality of break-out tubes inside said

inner sheathing and extending beyond said inner sheathing, said method comprising the steps of:

providing a body having a first end connectable to an equipment port and a second end opposite said first end, wherein said body includes a cavity formed therein;

inserting said prepared end of said cable through a seal;

registering said cable sheath against a shoulder of said seal;

disposing said combined seal and at least a portion of said prepared cable end into a pre-form mold;

flowing an epoxy material into said pre-form mold and permitting said epoxy material to harden;

removing an assembly consisting of said seal, said portion of said prepared cable end, and said hardened epoxy material from said pre-form mold;

disposing said assembly through a second end of said body into said cavity; and

securing said assembly in said body.

6. A method according to claim 5, wherein the step of securing includes forming a compression fit between an inner surface of said seal and an outer diameter of said cable.
7. A method according to claim 6, wherein the step of securing includes screwing a nut threadingly engaged with said body, wherein said nut includes a driving surface which drives against said seal when said nut is screwed onto said body.
8. A method according to claim 5, wherein the step of securing includes screwing a nut threadingly engaged with said body, wherein said nut includes a driving surface which drives against said seal when said nut is screwed onto said body.
9. A method of assembling a connector for mounting a fiberoptic cable to an equipment port, wherein a prepared end of said cable includes a jacket, inner sheathing inside said jacket and extending beyond said jacket, and a plurality of break-out tubes inside said inner sheathing and extending beyond said inner sheathing, said method comprising the steps of:

providing a body having a first end connectable to an equipment port and a second end opposite said first end, wherein said body includes a cavity formed therein;

mounting a seal within said second end of said body;
inserting said prepared end of said cable through said seal such that said inner sheathing is contained within said cavity;
registering said cable sheath against a shoulder of said seal;
forcing said seal a predetermined distance into said body, whereby said prepared end of said cable is properly positioned within said body; and
injecting an epoxy material in flowable form through said first end of said body to fill at least a portion of said cavity and covering all of said inner sheathing in said prepared cable end and a portion of said plurality of break-out tubes in said prepared cable end, wherein said cable is bonded to said connector when said epoxy material hardens.

10. A method according to claim 9, wherein the step of forcing includes forming a compression fit between an inner surface of said seal and an outer diameter of said cable.

11. A method according to claim 10, wherein the step of forcing includes screwing a nut threadingly engaged with said body, wherein said nut includes a driving surface which drives against said seal when said nut is screwed onto said body.

12. A method according to claim 9, wherein the step of forcing includes screwing a nut threadingly engaged with said body, wherein said nut includes a driving surface which drives against said seal when said nut is screwed onto said body.